AUG 1 3 2004

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE **Commissioner for Patents** P.O. Box 1450 Alexandria, Virginia 22313-1450



or Fax

(703) 746-4000

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and	PUBLICATION FEE (if required). Block	cks 1 through 4 should be completed where
appropriate. All further correspondence including the Patent, advance orders and no	tification of maintenance fees will be ma	led to the current correspondence address a
indicated unless corrected below or directed otherwise in Block 1, by (a) specifying	a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for
maintenance fee notifications.		

CURRENT CORRESPONDENCE ADDRESS (Note: Legibly mark-up with any corrections or use Block 1) Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must 05/24/2004 have its own certificate of mailing or transmission. John E. Gunther Certificate of Mailing or Transmission I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile Raytheon Company P.O. Box 902 (E1/E150) transmitted to the USPTO, on the date indicated below. El Segundo, CA 90245-0902 Joseph W. Stone (Depositor's name) (Signature) (Date) 2004 FIRST NAMED INVENTOR ATTORNEY DOCKET NO. CONFIRMATION NO. APPLICATION NO. FILING DATE 10/721,717 11/25/2003 Alan L. Kovacs PD-00W124A 5759 TITLE OF INVENTION: MULTILAYER THIN FILM HYDROGEN GETTER AND INTERNAL SIGNAL EMI SHIELD FOR COMPLEX THREE DIMENSIONAL ELECTRONIC PACKAGE COMPONENTS APPLN. TYPE SMALL ENTITY ISSUE FEE **PUBLICATION FEE** TOTAL FEE(S) DUE DATE DUE \$1330 \$300 \$1630 08/24/2004 nonprovisional NO **EXAMINER** ART UNIT CLASS-SUBCLASS 1775 ZIMMERMAN, JOHN J 361-818000 1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363). 2. For printing on the patent front page, list (1) the John E. Gunther names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. ₂Leonard A. Alkov firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent ☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer attorneys or agents. If no name is listed, no name William C. Schubert will be printed. Number is required. 3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type) PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. Inclusion of assignee data is only appropriate when an assignment has been previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment. (B) RESIDENCE: (CITY and STATE OR COUNTRY) (A) NAME OF ASSIGNEE RAYTHEON COMPANY WALTHAM , MA a corporation or other private group entity Please check the appropriate assignee category or categories (will not be printed on the patent); ☐ individual 4a. The following fee(s) are enclosed: 4b. Payment of Fee(s): X Issue Fee ☐ A check in the amount of the fee(s) is enclosed. Publication Fee ☐ Payment by credit card. Form PTO-2038 is attached. 6 The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number 50-0616 (enclose an extra copy of this form). Advance Order - # of Copies Director for Patents is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. John E. Gunther (Date) 08-11-2004 (Authorized Signature)

NOTE; The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO. Commissioner for Patents Alexandria, Virginia 22313-1450. SEND TO: Commissioner for Patents, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

08/16/2004 MBIZUNE2 00000028 500616 10721717